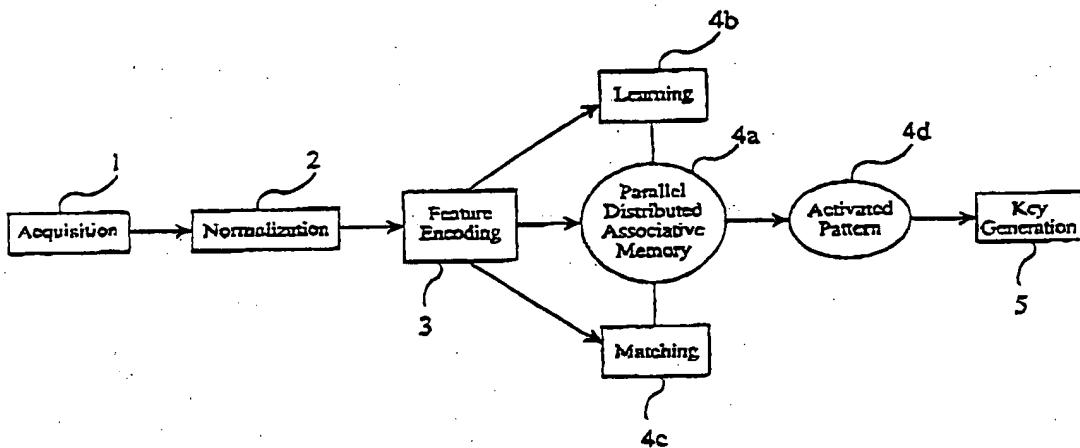


**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6: <b>G09K 9/00, G07C 9/00</b>	A1	(11) International Publication Number: <b>WO 00/14716</b> (43) International Publication Date: <b>16 March 2000 (16.03.00)</b>
(21) International Application Number: <b>PCT/SG98/00067</b>	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW. ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: <b>7 September 1998 (07.09.98)</b>	Published <i>With international search report.</i>	
(71) Applicant ( <i>for all designated States except US</i> ): <b>KENT RIDGE DIGITAL LABS [SG/SG]</b> ; 21 Heng Mui Keng Terrace, Singapore 119613 (SG).		
(72) Inventors; and		
(75) Inventors/Applicants ( <i>for US only</i> ): <b>WU, Jian, Kang [CN/SG]; Blk S1, Teban Gardens Rd #06-565, Singapore 600051 (SG); HUANG, Weimin [CN/SG]; Blk 346, Clementi Ave 5 #08-06, Singapore 120346 (SG); LAM, Chian, Prong [SG/SG]; Blk 305, Yishun Central #05-181, Singapore 760305 (SG).</b>		
(74) Agent: <b>GREENE-KELLY, James, Patrick; Lloyd Wise, Tan-jong Pagar, P.O. Box 636, Singapore 910816 (SG).</b>		

(54) Title: **A METHOD OF AND APPARATUS FOR GENERATION OF A KEY**

(57) Abstract

A method of (and apparatus for) generating a key from the person's biometrics data is disclosed which comprises the steps of: (1) capturing the person's biometric data; (2) normalizing the captured biometrics data; (3) extracting invariant features from the normalized data and representing the features as a bit pattern; (4) storing the bit pattern in associative memory for retrieval; and (5) generating the key from the retrieved bit pattern.